

What is claimed is:

- 1 1. A method for performing lawfully-authorized electronic surveillance,
2 comprising:
3 verifying, on a per-call basis, that a call associated with a first party is to be
4 surveilled; and
5 multicasting packets associated with the call to a second party and to a
6 surveillance receiver.
- 1 2. The method of claim 1, wherein:
2 the call includes a bearer channel,
3 the multicasted packets are only those packets associated with the bearer
4 channel of the call.
- 1 3. The method of claim 1, further comprising:
2 receiving a request for surveillance of calls associated with the first party.
- 1 4. The method of claim 1, wherein at least one from the group of the first party
2 and the second party are untrusted.
- 1 5. The method of claim 1, wherein packets associated with the call are multicast
2 by a network edge device connecting a trusted network to an untrusted network, at
3 least one from the group of the first party and the second party being connected to
4 the untrusted network.
- 1 6. The method of claim 1, further comprising:
2 sending a surveilling message to the surveillance receiver after verifying for
3 the call and before multicasting packets to the surveillance receiver,
4 the surveilling message indicating an address of the first party and an address
5 of the second party.

1 7. The method of claim 1, wherein verifying for the call is performed by a gate
2 controller associated with a network edge device that connects a trusted network to
3 an untrusted network, at least one from the group of the first party and the second
4 party being associated with the untrusted network.

1 8. A method for performing lawfully-authorized electronic surveillance,
2 comprising:
3 receiving a gate open message having an address of a surveillance receiver
4 associated with a first party, the gate open message associated with one call between
5 the first party and a second party; and
6 multicasting packets associated with the one call to: i) the surveillance
7 receiver based on the surveillance receiver address, and ii) at least one from the
8 group of the first party and the second party.

1 9. The method of claim 8, wherein:
2 the call includes a bearer channel,
3 the multicasted packets are only those packets associated with the bearer
4 channel of the call.

1 10. The method of claim 8, wherein the receiving and multicasting are performed
2 by a network edge device connecting a trusted network to an untrusted network, the
3 gate open message being received from a gate controller coupled to the network edge
4 device.

1 11. The method of claim 8, wherein the received gate open message has a
2 quality-of-service indicator.

1 12. The method of claim 8, further comprising:
2 distinguishing the bearer channel from a data channel based on the quality-
3 of-service indicator the received gate open message.

1 13. A method for performing lawfully-authorized electronic surveillance,
2 comprising:
3 sending, from a surveillance receiver, a request for surveillance of calls
4 associated with a first party; and
5 receiving packets associated with a call between the first party and a second
6 party, the received packets being multicast from a network edge device to the second
7 party and the surveillance party.

1 14. The method of claim 13, wherein:
2 the call includes a bearer channel,
3 the multicasted packets are only those packets associated with the bearer
4 channel of the call.

1 15. The method of claim 13, wherein the network edge device is associated with
2 the first party.

1 16. The method of claim 13, wherein the network edge device is associated with
2 the second party.

1 17. The method of claim 13, further comprising:
2 receiving a surveillance message before receiving the multicast packets from
3 the network edge device,
4 the surveillance message indicating an address associated with the first party
5 and an address associated with the second party.

1 18. The method of claim 13, wherein at least one from the group of the first party
2 and the second party are untrusted.

1 19. The method of claim 13, wherein the network edge device that multicast the
2 received packets connects a trusted network to an untrusted network, at least one

3 from the group of the first party and the second party being associated with the
4 untrusted network.

1 20. The method of claim 13, wherein verification that a call associated with the
2 first party is to be surveilled, is performed on a per-call basis and based on the sent
3 surveillance request.

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